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7590 04/22/2005

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07/26/2005 RHEBRAH 00000027 500383 10613877

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Georgann S. Grunebach (Depositor's name)
Georgann S. Grunebach (Signature)
July 22, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,877	07/03/2003	Mustafa Eroo	PD-203021	7224

TITLE OF INVENTION: BIT LABELING FOR AMPLITUDE PHASE SHIFT CONSTELLATION USED WITH LOW DENSITY PARITY CHECK (LDPC) CODES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/22/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS		
VARTANIAN, HARRY		2634	375-298000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
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1. Georgann S. Grunebach
 2. _____
 3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
 PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNER

THE DIRECTV GROUP, INC.

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

El Segundo, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Georgann S. Grunebach

Date July 22, 2005

Typed or printed name

Georgann S. Grunebach

Registration No. 33,179

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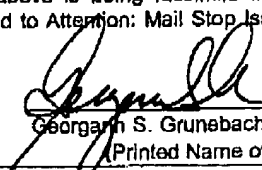
From: Georgann S. Grunebach
Assistant General Counsel

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Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

July 22, 2005
(Date of Signature)

Attention: Commissioner for Patents

Please find attached Re: 10/613,877

Attorney Docket No. PD-203021

- > TRANSMITTAL COVER FOR ISSUE AND PUBLICATION FEES
- > PART B - FEE(S) TRANSMITTAL

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